1/9/1
DIALOG(R)File 351:Derwent WPI

004139485
WPI Acc No: 1984-285025/198446
XRAM Acc No: C84-120993
Anticariogenic compsn. - comprises natural essential and opt. synthetic perfume, carboxylic acid and lactone
Patent Assignee: KANEBO SHOKUHIN KK (KANE)
Number of Countries: 001 Number of Patents: 002
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
JP 59175422	A	19841004	JP 8351200	A	19830326	198446	B
JP 92032047	B	19920528	JP 8351200	A	19830326	199226	

Priority Applications (No Type Date): JP 8351200 A 19830326
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 59175422	A		6		
JP 92032047	B		6	A61K-007/16	Based on patent JP 59175422

Abstract (Basic): JP 59175422 A
Anticariogenics effective component comprises natural essential oil alone or opt. with at least one anticariogenic component selected from component A, B and C, where A is synthetic perfume, B is carboxylic acid and C is lactone. Pref. the natural essential oil is at least one selected from hinikithiol, cinnamic aldehyde, cuminealdehyde, carbone, limonen, cineol, borneol, citral, citroneral, geraniol, thymol, carbaclor, methyltyabicol, eugenol, terpeneol, tyabicole, methyl salicylate and di-n-propyl disulphide. Pref. the synthetic perfume of anticariogenic component A is at least one selected from cresyl acetate, cicramenealdehyde, isoeugenol, methylengenol, heliotropin, ethyl salicylate, n-decanal and p-methylacetophenone. Pref. the carboxylic acid of anticariogenic component B is at least one selected from capric acid, lauric acid, myristic acid, palmitic acid, stearic acid, oleic acid, linoleic acid, rosinic acid, vanilinic acid, undecanoic acid, undecylenic acid and enantoic acid. Pref. the lactone of anticariogenics component C is at least one selected from d-decalactone, d-dodecalactone, d-undecalactone, d-tridecalactone and d-tetradecalactone.
Title Terms: ANTICARIES; COMPOSITION; COMPRISE; NATURAL; ESSENTIAL; OPTION; SYNTHETIC; PERFUME; CARBOXYLIC; ACID; LACTONE
Derwent Class: B05; D21; E19
International Patent Class (Main): A61K-007/16
International Patent Class (Additional): A61K-031/04; A61K-035/78;

C07D-313/00
File Segment: CPI
Manual Codes (CPI/A-N): B04-B01C; B06-A02; B07-A02; B10-A04; B10-C04; B10-D01; B10-E02; B10-E04; B10-F02; B10-G02; B10-J02; B12-L03; B12-L07;
D08-B08; D10-A05; E06-A02; E07-A02; E10-A04; E10-C03; E10-C04E; E10-D01D;
E10-E02; E10-E04M; E10-F02A; E10-G02F; E10-J02A
Chemical Fragment Codes (M1):
37 M423 M431 M782 M903 P912 P923 Q271 V780
Chemical Fragment Codes (M2):
01 G036 G571 H4 H401 H461 H8 J5 J561 L9 L960 M210 M213 M232 M240 M281
M320 M415 M431 M510 M520 M530 M541 M782 M903 P912 P923 Q271
02 G010 G100 H7 H721 J4 J471 M280 M312 M321 M332 M342 M372 M391 M414
M431 M510 M520 M531 M540 M782 M903 M910 P912 P923 Q271
03 G013 G100 J4 J431 M210 M213 M232 M240 M281 M320 M414 M431 M510 M520
M531 M540 M782 M903 P912 P923 Q271
04 G036 G562 H7 H721 J5 J561 M210 M211 M213 M232 M240 M282 M320 M415
M431 M510 M520 M530 M541 M782 M903 P912 P923 Q271
05 G035 G562 H7 H721 M210 M211 M213 M232 M240 M282 M320 M415 M431 M510
M520 M530 M541 M610 M782 M903 M910 P912 P923 Q271
06 D011 D016 D030 D130 M210 M211 M240 M283 M320 M412 M431 M511 M520
M530 M540 M782 M903 P912 P923 Q271
07 G031 G034 G038 G060 G623 H4 H401 H461 H8 M210 M211 M240 M283 M320
M415 M431 M510 M520 M530 M541 M782 M903 M910 P912 P923 Q271
08 H7 H722 J4 J471 M220 M223 M232 M262 M281 M320 M416 M431 M782 M903
M910 P912 P923 Q271
09 H4 H401 H481 H7 H721 H8 M220 M224 M232 M272 M281 M320 M416 M431 M782
M903 M910 P912 P923 Q271
10 H4 H401 H481 H7 H722 H8 M220 M224 M232 M272 M281 M320 M416 M431 M782
M903 M910 P912 P923 Q271
11 G015 G100 H4 H401 H441 H8 M210 M211 M213 M232 M240 M282 M320 M414
M431 M510 M520 M531 M540 M782 M903 M910 P912 P923 Q271
12 G015 G100 H4 H401 H441 H8 M210 M211 M213 M232 M240 M282 M320 M414
M431 M510 M520 M531 M540 M782 M903 P912 P923 Q271
13 G013 G100 H401 H441 H541 H7 H721 H8 M210 M211 M213 M231 M240 M272
M281 M320 M414 M431 M510 M520 M531 M540 M782 M903 P912 P923 Q271
14 G015 G100 H4 H401 H441 H5 H541 H7 H721 H8 M210 M211 M213 M231 M240
M272 M281 M320 M414 M431 M510 M520 M531 M540 M782 M903 M910 P912
P923 Q271
15 G035 G562 H4 H401 H481 H8 M210 M211 M240 M281 M313 M321 M331 M340
M342 M373 M391 M415 M431 M510 M520 M530 M541 M782 M903 M910 P912
P923 Q271

16 G011 G100 H4 H401 H441 H8 J0 J011 J2 J231 M210 M211 M272 M281 M320
M414 M431 M510 M520 M531 M540 M782 M903 M910 P912 P923 Q271
17 K0 K2 K224 M210 M213 M231 M271 M282 M320 M416 M431 M620 M782 M903
P912 P923 Q271
18 G011 G012 G013 G100 J0 J011 J2 J241 M210 M211 M240 M262 M281 M320
M414 M431 M510 M520 M531 M540 M782 M903 P912 P923 Q253 Q271
19 G014 G015 G100 H4 H401 H441 H5 H541 H7 H721 H8 M210 M211 M213 M231
M240 M272 M281 M320 M414 M431 M510 M520 M531 M540 M782 M903 P912
P923 Q253 Q271
21 G011 G100 H4 H401 H441 H8 J0 J011 J2 J231 M210 M212 M272 M281 M320
M414 M431 M510 M520 M531 M540 M782 M903 P912 P923 Q253 Q271
22 J4 J471 M220 M223 M231 M262 M281 M320 M416 M431 M620 M782 M903 P912
P923 Q253 Q271
23 G013 G100 J5 J581 M210 M211 M240 M262 M281 M320 M414 M431 M510 M520
M531 M540 M782 M903 P912 P923 Q253 Q271
24 J0 J011 J1 J171 M220 M223 M231 M262 M281 M320 M416 M431 M620 M782
M903 M910 P912 P923 Q271
25 J0 J011 J1 J171 M225 M231 M262 M281 M320 M416 M431 M620 M782 M903
M910 P912 P923 Q271
26 J0 J011 J1 J171 M225 M231 M262 M281 M320 M416 M431 M620 M782 M903
M910 P912 P923 Q271
27 J0 J011 J1 J171 M225 M231 M262 M281 M320 M416 M431 M620 M782 M903
M910 P912 P923 Q271
28 J0 J011 J1 J171 M225 M231 M262 M281 M320 M416 M431 M620 M782 M903
M910 P912 P923 Q271
29 H7 H721 J0 J011 J1 J171 M225 M231 M262 M281 M320 M416 M431 M782 M903
M910 P912 P923 Q271
30 H7 H722 J0 J011 J1 J171 M225 M231 M262 M281 M320 M416 M431 M782 M903
M910 P912 P923 Q271
31 G015 G100 H4 H401 H441 H5 H541 H8 J0 J011 J1 J131 M210 M211 M272
M281 M320 M414 M431 M510 M520 M531 M540 M782 M903 M910 P912 P923
Q271
32 H721 J0 J011 J1 J171 M220 M224 M231 M262 M281 M320 M416 M431 M620
M782 M903 P912 P923 Q271
33 F012 F016 F123 J5 J521 L9 L942 M210 M215 M216 M220 M221 M222 M223
M231 M240 M281 M320 M413 M431 M510 M521 M530 M540 M782 M903 P912
P923 Q271
34 G015 G100 H5 H542 H7 H721 H8 M210 M211 M213 M231 M240 M272 M281 M282
M320 M414 M431 M510 M520 M531 M540 M782 M903 P912 P923 Q253 Q271

35 J0 J011 J1 J171 M210 M216 M231 M262 M281 M320 M416 M431 M620 M782
M903 M910 P912 P923 Q271
36 G013 G100 J4 J471 M210 M213 M232 M240 M281 M313 M321 M331 M342 M372
M391 M414 M431 M510 M520 M531 M540 M782 M903 P912 P923 Q253 Q271
38 H7 H721 J0 J011 J1 J171 M220 M222 M232 M262 M281 M320 M416 M431 M782
M903 P912 P923 Q271
Chemical Fragment Codes (M3):
01 G036 G571 H4 H401 H461 H8 J5 J561 L9 L960 M210 M213 M232 M240 M281
M320 M415 M431 M510 M520 M530 M541 M782 M903 P912 P923 Q271
02 G010 G100 H7 H721 J4 J471 M280 M312 M321 M332 M342 M372 M391 M414
M431 M510 M520 M531 M540 M782 M903 M910 P912 P923 Q271
03 G013 G100 J4 J431 M210 M213 M232 M240 M281 M320 M414 M431 M510 M520
M531 M540 M782 M903 P912 P923 Q271
04 G036 G562 H7 H721 J5 J561 M210 M211 M213 M232 M240 M282 M320 M415
M431 M510 M520 M530 M541 M782 M903 P912 P923 Q271
05 G035 G562 H7 H721 M210 M211 M213 M232 M240 M282 M320 M415 M431 M510
M520 M530 M541 M610 M782 M903 M910 P912 P923 Q271
06 D011 D016 D030 D130 M210 M211 M240 M283 M320 M412 M431 M511 M520
M530 M540 M782 M903 P912 P923 Q271
07 G031 G034 G038 G060 G623 H4 H401 H461 H8 M210 M211 M240 M283 M320
M415 M431 M510 M520 M530 M541 M782 M903 M910 P912 P923 Q271
08 H7 H722 J4 J471 M220 M223 M232 M262 M281 M320 M416 M431 M782 M903
M910 P912 P923 Q271
09 H4 H401 H481 H7 H721 H8 M220 M224 M232 M272 M281 M320 M416 M431 M782
M903 M910 P912 P923 Q271
10 H4 H401 H481 H7 H722 H8 M220 M224 M232 M272 M281 M320 M416 M431 M782
M903 M910 P912 P923 Q271
11 G015 G100 H4 H401 H441 H8 M210 M211 M213 M232 M240 M282 M320 M414
M431 M510 M520 M531 M540 M782 M903 M910 P912 P923 Q271
12 G015 G100 H4 H401 H441 H8 M210 M211 M213 M232 M240 M282 M320 M414
M431 M510 M520 M531 M540 M782 M903 P912 P923 Q271
13 G013 G100 H401 H441 H541 H7 H721 H8 M210 M211 M213 M231 M240 M272
M281 M320 M414 M431 M510 M520 M531 M540 M782 M903 P912 P923 Q271
14 G015 G100 H4 H401 H441 H5 H541 H7 H721 H8 M210 M211 M213 M231 M240
M272 M281 M320 M414 M431 M510 M520 M531 M540 M782 M903 M910 P912 P923 Q271
15 G035 G562 H4 H401 H481 H8 M210 M211 M240 M281 M313 M321 M331 M340
M342 M373 M391 M415 M431 M510 M520 M530 M541 M782 M903 M910 P912 P923 Q271

16 G011 G100 H4 H401 H441 H8 J0 J011 J2 J231 M210 M211 M272 M281 M320
M414 M431 M510 M520 M531 M540 M782 M903 M910 P912 P923 Q271
17 K0 K2 K224 M210 M213 M231 M271 M282 M320 M416 M431 M620 M782 M903
P912 P923 Q271
18 G011 G012 G013 G100 J0 J011 J2 J241 M210 M211 M240 M262 M281 M320
M414 M431 M510 M520 M531 M540 M782 M903 P912 P923 Q253 Q271
19 G014 G015 G100 H4 H401 H441 H5 H541 H7 H721 H8 M210 M211 M213 M231
M240 M272 M281 M320 M414 M431 M510 M520 M531 M540 M782 M903 P912
P923 Q253 Q271
20 D022 D140 J4 J431 M280 M320 M412 M431 M511 M520 M530 M540 M782 M903
M910 P912 P923 Q253 Q271
21 G011 G100 H4 H401 H441 H8 J0 J011 J2 J231 M210 M212 M272 M281 M320
M414 M431 M510 M520 M531 M540 M782 M903 P912 P923 Q253 Q271
22 J4 J471 M220 M223 M231 M262 M281 M320 M416 M431 M620 M782 M903 P912
P923 Q253 Q271
23 G013 G100 J5 J581 M210 M211 M240 M262 M281 M320 M414 M431 M510 M520
M531 M540 M782 M903 P912 P923 Q253 Q271
24 J0 J011 J1 J171 M220 M223 M231 M262 M281 M320 M416 M431 M620 M782
M903 M910 P912 P923 Q271
25 J0 J011 J1 J171 M225 M231 M262 M281 M320 M416 M431 M620 M782 M903
M910 P912 P923 Q271
26 J0 J011 J1 J171 M225 M231 M262 M281 M320 M416 M431 M620 M782 M903
M910 P912 P923 Q271
27 J0 J011 J1 J171 M225 M231 M262 M281 M320 M416 M431 M620 M782 M903
M910 P912 P923 Q271
28 J0 J011 J1 J171 M225 M231 M262 M281 M320 M416 M431 M620 M782 M903
M910 P912 P923 Q271
29 H7 H721 J0 J011 J1 J171 M225 M231 M262 M281 M320 M416 M431 M782 M903
M910 P912 P923 Q271
30 H7 H722 J0 J011 J1 J171 M225 M231 M262 M281 M320 M416 M431 M782 M903
M910 P912 P923 Q271
31 G015 G100 H4 H401 H441 H5 H541 H8 J0 J011 J1 J131 M210 M211 M272
M281 M320 M414 M431 M510 M520 M531 M540 M782 M903 M910 P912 P923
Q271
32 H721 J0 J011 J1 J171 M220 M224 M231 M262 M281 M320 M416 M431 M620
M782 M903 P912 P923 Q271
33 F012 F016 F123 J5 J521 L9 L942 M210 M215 M216 M220 M221 M222 M223
M231 M240 M281 M320 M413 M431 M510 M521 M530 M540 M782 M903 P912
P923 Q271

34 G015 G100 H5 H542 H7 H721 H8 M210 M211 M213 M231 M240 M272 M281 M282
M320 M414 M431 M510 M520 M531 M540 M782 M903 P912 P923 Q253 Q271
35 J0 J011 J1 J171 M210 M216 M231 M262 M281 M320 M416 M431 M620 M782
M903 M910 P912 P923 Q271
36 G013 G100 J4 J471 M210 M213 M232 M240 M281 M313 M321 M331 M342 M372
M391 M414 M431 M510 M520 M531 M540 M782 M903 P912 P923 Q253 Q271
38 H7 H721 J0 J011 J1 J171 M220 M222 M232 M262 M281 M320 M416 M431 M782
M903 P912 P923 Q271
Ring Index Numbers: 01735
Derwent Registry Numbers: 0121-U; 0122-U; 0206-U; 0558-U; 0651-U; 0669-U;
0764-U; 0778-U; 0780-U; 0922-U; 0954-U; 0991-U; 1001-U; 1012-U; 1119-U;
1147-U; 1226-U; 1307-U; 1356-U; 1642-U
?

```
File 351:Derwent WPI 1963-2006/UD,UM &UP=200629
       (c) 2006  Thomson Derwent
 *File 351: Preview the enhanced DWPI through ONTAP DWPI (File 280).
For more information, visit http://www.dialog.com/dwpi/.

      Set  Items  Description
      ---  -----  -----------
?

S PN=JP 84175422
      S1       0  PN=JP 84175422
?

S AN=JP 59175422
      S2       0  AN=JP 59175422
?

*File 351: Preview the enhanced DWPI through ONTAP DWPI (File 280).
For more information, visit http://www.dialog.com/dwpi/.

      Set  Items  Description
      ---  -----  -----------
?

S PN=JP 59175422
      S1       1  PN=JP 59175422
?

T S1/9
```